


**Municipal Separate Stormwater
System Discharge Permit
Secondary Permittee Workshop**


Agenda

- 1:00-1:30 Sign-in and gather materials
- 1:30-1:40 Introduction and welcome
- 1:40-2:30 Staff presentation
- 2:30-2:45 Group Q & A
- 2:45-3:00 Break
- 3:00-5:00 Small group breakout
discussion and detailed Q & A



**Municipal Separate
Stormwater
System Discharge
Permit**

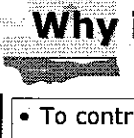
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Outline

- **Why** is this permit being issued?
- **Where** does the permit apply?
- **Who** is regulated by the permit?
- **What** does the permit require?
- **When** will regulations start?


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Why is this permit being issued?

- To control pollution from stormwater
- What is stormwater?
 - › Water that runs off the land surface during and after rainstorms and snowmelt
 - Paved roads, parking areas
 - Roofs
 - Lawns, play fields, and other landscaped areas
 - Gravel roads and parking areas

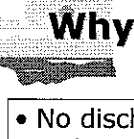
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Why - Background and Context

- Why regulate stormwater?
 - › Leading cause of water quality impairments in urban streams
 - › Pollutants pose the fastest growing water quality problem
 - Sediment, trash, toxic metals, hydrocarbons, chemicals, bacteria, and nutrients
 - › Federal legal requirements

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Why - Basis of Federal Requirement

- No discharge from a point source without a permit
- Stormwater considered a point source in phases
 - Phase I – most populous areas
 - Phase II – more moderately populated areas

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Where does the permit apply?

- Phase I – Unincorporated Clark, King, Pierce, and Snohomish counties, Seattle and Tacoma cities
- Phase II – Cities in urban areas, Counties UGA and census defined areas associated with Phase II city.

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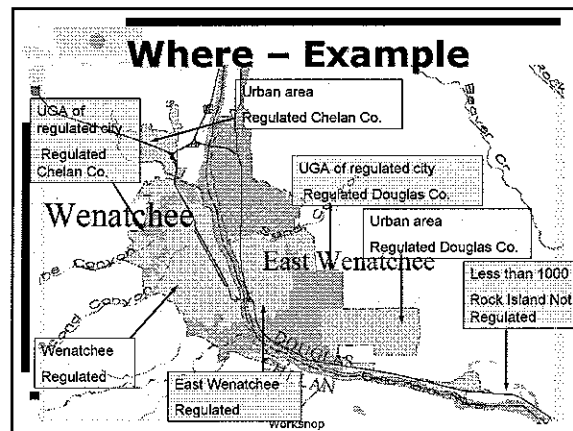
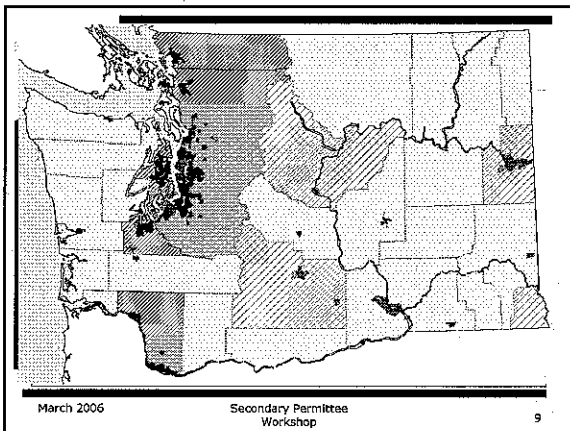
Where does each permit apply?

- Western Washington Phase I – Cities of Seattle, Tacoma, Counties of Clark, King, Pierce and Snohomish
- Western Washington Phase II – Urbanized areas west of the Cascade crest
- Eastern Washington Phase II – Urbanized areas east of the Cascade crest.

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Who – Operators of MS4s

- MS4 = Municipal Separate Storm Sewer System
 - > **Municipal** - public body
 - Examples = sewer districts, flood control districts, drainage districts
 - > **Separate** - Not combined with sewage
 - > **System** - pollution generating surface to outfall, e.g. parking lot to ditch to pipe to creek.

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Who – Different types

- Permittee
 - > City or county in Phase I or urban area
- Secondary Permittee
 - > MS4 in jurisdiction of Permittee
 - > NOT a city or county

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Who – Regulated MS4s

- Waiver of eligibility (Phase II only)
 - > Serve a population of less than 1000
 - Resident and transient
- AND
- > Not a significant contributor to a regulated MS4
- How to get a waiver?
 - > No action required

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What does the permit require?

- Permit Application
 - > Notice of intent to be covered
 - <http://www.ecy.wa.gov/programs/wq/stormwater/municipal/secondary.html>
- Permit fee
 - > Tentatively \$1500 per secondary permittee
 - > Rule available for comment through April 7, 2006
 - http://www.ecy.wa.gov/programs/wq/permits/permit_fees/index.htm

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What does the permit require?

- Stormwater Management Plan (SWMP)
 1. Public Education and Outreach
 2. Public Involvement
 3. Illicit Discharge Detection and Elimination
 4. Construction Site Stormwater
 5. Post-Construction Stormwater
 6. Pollution Prevention for Municipal Operations
- Plus two
 1. Comply with applicable TMDLs
 2. Evaluate program

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What – minimum measures 1 and 2

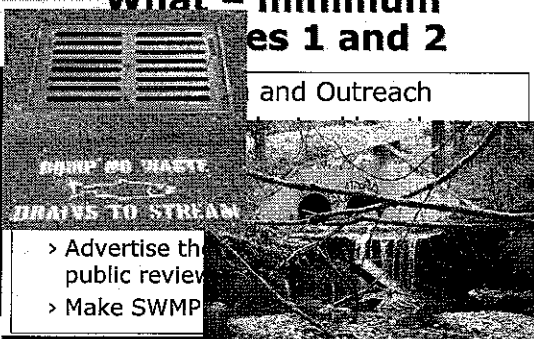
- Public Education and Outreach
 - > Ensure users understand how they affect your quality of the discharge of the MS4
- Public Involvement and Participation
 - > Advertise the availability of SWMP for public review
 - > Make SWMP available for comment

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What – minimum measures 1 and 2



- > Advertise the public review
- > Make SWMP

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What – minimum measure 3



- Illicit Discharge Detection and Elimination
 - > Comply with local jurisdiction's requirements
 - > Develop policy and enforcement for prohibited discharge
 - > Develop storm system map
 - > Field inspection of outfalls
 - > Develop and implement spill response plan
 - > Train staff on practices for preventing spills and illicit discharges

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What – minimum measure 4

Determine local jurisdiction's requirements and ensure compliance with MS4s construction projects

Coordinate/Assist local jurisdiction to implement construction stormwater program

Train staff in sediment and erosion control practices

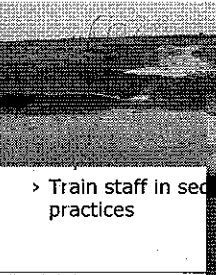
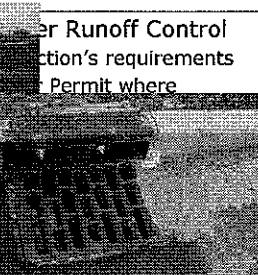
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What – minimum measure 4

- Construction Stormwater Runoff Control
 - > Comply with local jurisdiction's requirements
 - > Construction Stormwater Permit where appropriate for MS4s construction projects
 - > Coordinate/Assist local jurisdiction to implement construction stormwater program
 - > Train staff in sediment and erosion control practices

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What – minimum measure 4

Determine local jurisdiction's requirements and ensure compliance with MS4s construction projects

Coordinate/Assist local jurisdiction to implement construction stormwater program

Train staff in sediment and erosion control practices


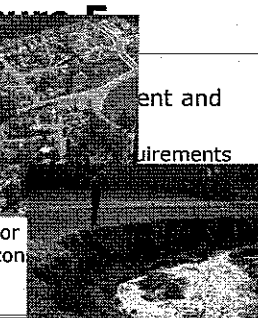
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What – minimum measure 5

- Post-Construction Stormwater management for New Development and Redevelopment
 - > Comply with local jurisdiction's requirements
 - > Coordinate/Assist local jurisdiction to implement stormwater program
 - > Projects owned or operated comply with appendix 1 for post construction stormwater controls.

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What – minimum measure 5

Determine local jurisdiction's requirements and ensure compliance with MS4s construction projects

Coordinate/Assist local jurisdiction to implement stormwater program

Projects owned or operated comply with appendix 1 for post construction stormwater controls

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What – minimum measure 6

- Pollution Prevention and Good Housekeeping for Municipal Operations
 - > Operation and Maintenance Plan for
 - Stormwater collection and conveyance
 - Roads, highways and parking lots
 - Vehicle fleets
 - External building maintenance
 - Parks and open space
 - Material storage areas, heavy equipment storage areas, and maintenance areas
 - > Industrial Permit Coverage where appropriate
 - > Training for all employees

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What – minimum measure 6

- Pollution Prevention and Good Housekeeping for Municipal Operations
 - Develop a Pollution Prevention Plan
 - Conveyance of lots
 - Use of equipment
 - Where appropriate



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What – Plus 2

- Comply with applicable TMDLs
 - › See appendix 2
 - › If no mention then compliance with permit is compliance with TMDL
- Evaluate Program
 - › Part of Annual Report
 - Does your SWMP protect water quality?

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What – Legal Authority

- Control pollution from industrial sources into MS4
- Prohibit illicit discharges
- Control discharge of spills and dumping into MS4
- Co-applicants control contribution from one portion of MS4 to another
- Require compliance with conditions in ordinances, permits, contracts and orders
- Inspection, surveillance and monitoring to ensure compliance with permit conditions

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What - Coordination

- External Coordination
 - › Local jurisdictions
 - › Operators of interconnected MS4s
 - › Provides opportunity for more effective implementation
- Internal Coordination
 - › Between departments of secondary permittee

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When will MS4s be regulated

- The draft permit is open for comment through May 19, 2006
 - <http://www.ecy.wa.gov/programs/wq/stormwater/municipal/index.html>
- The permit team will review and respond to comments, and modify the permit.
- No sooner than Late September 2006

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How did we do?

- We have several stations around the meeting room where you can get additional questions answered.
- Please fill out a workshop evaluation so we can make the next workshop even better (or less lame).

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